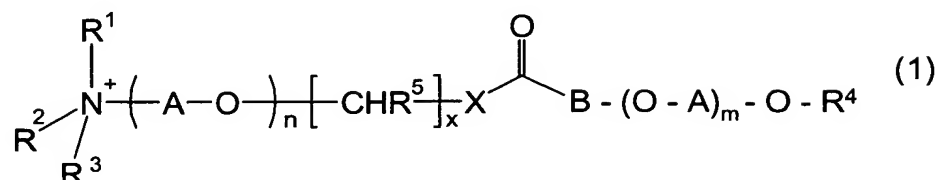


What is claimed is:

1. The use of compounds of the formula (1)



where

R^1, R^2 are each independently C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl,

R^3 is C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl, $-\text{CHR}^6\text{COO}^-$ or $-\text{O}^-$,

A is a C_2 - to C_4 -alkylene group,

B is a C_1 - to C_{10} -alkylene group,

X is O or NR^7

R^6, R^7 are each independently hydrogen, C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl,

R^4 is a C_1 - to C_{50} -alkyl, C_2 - to C_{50} -alkenyl radical, C_6 - to C_{50} -aryl or C_7 - to C_{50} -alkylaryl,

R^5 is hydrogen, $-\text{OH}$ or a C_1 - to C_4 -alkyl radical,

n, m are each independently a number from 0 to 30,

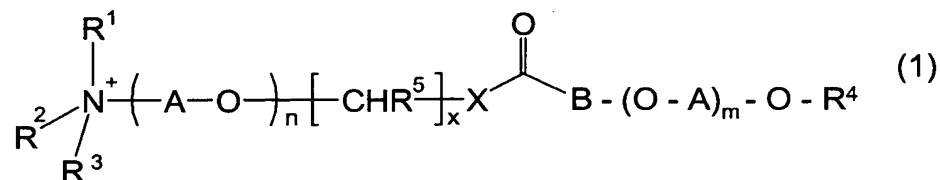
x is a number from 1 to 6,

as corrosion and gas hydrate inhibitors.

2. The use as claimed in claim 1, wherein A is an ethylene or propylene group.

3. The use as claimed in claim 1 and/or 2, wherein B is a C_2 - to C_4 -alkylene group.

4. The use as claimed in one or more of claims 1 to 3, wherein R^1 and R^2 are each independently an alkyl or alkenyl group of from 2 to 14 carbon atoms.
5. The use as claimed in one or more of claims 1 to 4, wherein R^3 is an alkyl or alkenyl group having from 1 to 12 carbon atoms.
6. The use as claimed in one or more of claims 1 to 5, wherein R^5 , R^6 and R^7 are hydrogen.
7. The use as claimed in one or more of claims 1 to 6, wherein n is a number in the range from 1 to 10.
8. The use as claimed in one or more of claims 1 to 7, wherein R^4 is an alkyl or alkenyl group having from 4 to 30 carbon atoms.
9. The use as claimed in one or more of claims 1 to 8, wherein x is 2 or 3.
10. The use as claimed in one or more of claims 1 to 8, wherein the concentration of compounds of the formula 1 is between 5 and 5 000 ppm.
11. A compound of the formula (1)



where

R^1 , R^2 are each independently C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl,

- R^3 is C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl, $-\text{CHR}^6\text{COO}^-$ or $-\text{O}^-$,
 A is a C_2 - to C_4 -alkylene group,
 B is a C_1 - to C_{10} -alkylene group,
 X is O or NR^7
 R^6, R^7 are each independently hydrogen, C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl,
 R^4 is a C_1 - to C_{50} -alkyl, C_2 - to C_{50} -alkenyl radical, C_6 - to C_{50} -aryl or C_7 - to C_{50} -alkylaryl,
 R^5 is hydrogen, $-\text{OH}$ or a C_1 - to C_4 -alkyl radical,
 n, m are each independently a number from 0 to 30,
 x is a number from 1 to 6,